

PATENT
450108-02659**REMARKS/ARGUMENTS**

Reconsideration and withdrawal of the rejections of the application are respectfully requested in view of the amendments and remarks herewith, which place the application into condition for allowance. The present amendment is being made to facilitate prosecution of the application.

I. STATUS OF THE CLAIMS AND FORMAL MATTERS

Claims 69-117 and 148-170 are pending in this application. Claims 69-71, 75, 79, 83, 87, 91, 95-97, 101, 104, 108, 111, 115, 148-150, 157, and 164, which are independent, are hereby amended. No new matter has been introduced by this amendment. Support for this amendment is provided throughout the Specification. Changes to claims are not made for the purpose of patentability within the meaning of 35 U.S.C. §101, §102, §103, or §112. Rather, these changes are made simply for clarification and to round out the scope of protection to which the Applicants are entitled.

II. REJECTIONS UNDER 35 U.S.C. §112

Claims 69, 70, 75-86, and 88-94 were rejected under 35 U.S.C. §112, second paragraph, as allegedly indefinite. Claims 69, 70, 75-86, and 88-94 are hereby amended, obviating the rejection.

BEST AVAILABLE COPY

PATENT
450108-02659**III. REJECTIONS UNDER 35 U.S.C. §102(e)**

Claims 69-71, 75, 79, 83, 87, and 91 were rejected under 35 U.S.C. §102(e) as allegedly anticipated by U.S. Patent No. 6,097,816 to Momiki, et al.

Amended independent claim 69 now recites, *inter alia*:

“...sending means for sending a plurality of distribution keys, each corresponding to a predetermined time period, and send data, which includes data encrypted with key data; and...

...receiving and controlling means for decrypting said encrypted data,

wherein each of said plurality of distribution keys allows decryption of said encrypted data within the predetermined time period associated with said distribution key, independent of a connection during said predetermined time period associated with said distribution key.” (Emphasis Added)

As understood by Applicants, U.S. Patent No. 6,097,816 to Momiki, et al.

(hereinafter, merely “Momiki”) relates to a crypt key system for decrypting encrypted data using a permit key that supplied to a broadcasting station in advance from a database/charging center. The permit key is then broadcast from the broadcasting station to a receiver. The encrypted data is supplied to a communication device from the database/charging center.

Applicants submit that nothing has been found in Momiki that would disclose or suggest the above-identified features of amended independent claim 69. Specifically, Momiki does not disclose or suggest a sending means for sending a plurality of distribution keys, each corresponding to a predetermined time period, and send data, which includes data encrypted with key data wherein each of said plurality of distribution keys allows decryption of said encrypted data within the predetermined time period associated with said distribution key, independent of a connection during said predetermined time period associated with said distribution key, as recited in independent claim 69.

PATENT
450108-02659

Therefore, claim 69 is believed to be patentable.

For reasons similar to those described above, amended independent claims 70, 71, 75, 79, 83, 87, and 91 are believed to be patentable.

IV. REJECTIONS UNDER 35 U.S.C. §103(a)

Claims 72-74, 76-78, 80-82, 84-86, 88-90, and 92-94 were rejected under 35 U.S.C. §103(a) as allegedly unpatentable over U.S. Patent No. 6,097,816 to Momiki, et al. in view of U.S. Patent No. 4,887,296 to Horne.

Claims 95-117 and 148-170 were rejected under 35 U.S.C. §103(a) as allegedly unpatentable over U.S. Patent No. 6,690,795 to Richards in view of U.S. Patent No. 4,887,296 to Horne.

Amended independent claim 95 now recites, *inter alia*:

"...sending means for sending an encrypted individual key by encrypting said individual key with one of a plurality of distribution keys, each distribution key corresponding to a predetermined time period; to said information receiving device together with said content data encrypted with said content key and a content key encrypted with said individual key, and

said information receiving device comprises:

receiving end controlling means for decrypting said individual key with one of said plurality of distribution keys, decrypting said content key with the decrypted individual key, and decrypting said content data with the decrypted content key,

allowing decryption of said individual key within the predetermined time period associated with said distribution key, independent of a connection during said predetermined time period associated with said distribution key."

PATENT
450108-02659

As understood by Applicants, U.S. Patent No. 6,690,795 to Richards (hereinafter, merely "Richards") relates to transmission and encryption of digital signals using multiple decryption keys.

As understood by Applicants, U.S. Patent No. 4,887,296 to Horne (hereinafter, merely "Horne") relates to a three key cryptographic system for a direct broadcast satellite system used in the transmission of digitized signals to a plurality of receivers. Each receiver has a unique address number and a factory stored signature key which is a function of the address number.

Applicants submit that nothing has been found in Richards or Horne, taken alone or in combination, that would teach or suggest the above-identified features of independent claim 95.

Therefore, claim 95 is believed to be patentable.

For reasons similar, or somewhat similar, to those described above, claims 96, 97, 100, 104, 108, 111, 115, 148, 149, 150, 157, and 164 are also believed to be patentable.

V. DEPENDENT CLAIMS

The other claims in this application are each dependent from one of the independent claims discussed above and are therefore believed patentable for at least the same reasons. Since each dependent claim is also deemed to define an additional aspect of the invention, however, the individual reconsideration of the patentability of each on its own merits is respectfully requested.

PATENT
450108-02659**CONCLUSION**

In the event the Examiner disagrees with any of statements appearing above with respect to the disclosure in the cited references, it is respectfully requested that the Examiner specifically indicate the portion, or portions, of the reference, or references, providing the basis for a contrary view.

Please charge any additional fees that may be needed, and credit any overpayment, to our Deposit Account No. 50-0320.

In view of the foregoing amendments and remarks, it is believed that all of the claims in this application are patentable and Applicants respectfully request early passage to issue of the present application.

Respectfully submitted,
FROMMER LAWRENCE & HAUG LLP
Attorneys for Applicants

By 

Thomas F. Presson
Reg. No. 41,442
(212) 588-0800

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☒ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.